

Figure 20a and 20b show a display and a thermostat assembly with the display and a keyboard.

Figure 21 shows a roof top air management system.

Figure 22 is a context diagram revealing a process  
5 structure in a thermostat.

Figure 23 is a diagram of a transmit and handshake portion of a communications process of the thermostat.

Figure 24 shows an overview of an algorithm mode relative to the thermostat.

10 Figure 25 shows details of a function in the algorithm shown in Figure 24.

Figures 26 and 27 reveal the various connections between the thermostat, sub-base and an external device such as a PDA.

Figures 28a-28c show PDA screen steps to attain a  
15 commission summary screen of a test and diagnosis of a thermostat system.

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Figures 29a-29<sup>f</sup> show screens for a diagnosis of temperature and other sensors, and set points.

Figure 30 is a screen for a fan check.

20 Figures 31a-31h are screens showing steps for cooling equipment testing and diagnosis.

Figures 32a-32e show PDA screens for testing heating equipment of the thermostat system.